

Controls and Instrumentation Engineer - Job Description

Grade: Senior

Reports to: Development and Operations Manager

Location: Abingdon, Oxfordshire

Job Purpose

Origination and development of P2i controls and software programmes for new and existing products. To contribute to the effective development of P2i's technology in a timely, cost effective manner. This role will include management responsibility for C & I projects for all existing and developed P2i technology & equipment. As P2i is still an early-stage company, a degree of broader activities will fall into this role.

Key Interfaces: Customers, P2i Partners, Suppliers, Operations Team.

No. of Direct Reports: 0

KPIs

- Meet Performance Review objectives
- Deliver allocated projects on-time, in-budget and to-specification
- Contribute to creation and maintenance of software development plan
- Contribute to ISO9001/2008 Business Quality Management System development.

Key Tasks

- To work on multiple development topics and projects as required
- To lead projects as required, taking responsibility for successful completion
- To work to project plans and inform line manager at earliest opportunity if project progress is not to plan
- To maintain comprehensive and accurate records of all work in formats required
- To produce project progress reports as requested. Contribute to H&S for all P2i products
- Contribute to the development and manufacturing team including managing, mentoring and developing staff
- Interface with R&D, business development, sales & accounts functions within P2i

Key Skills

- Broad technical skills (physical sciences) and knowledge of implementation across a wide range of industries
- Understanding of Customer requirements and ensure delivery to these requirements
- A thorough understanding of Control and Instrumentation
- Strong diagnostic ability
- Ability to self manage and deliver multiple projects concurrently
- Hands on electrical experience and ability to read/produce electrical schematics
- Experience of sourcing and specifying controls hardware
- Experience of selecting and specifying instrumentation and sensors
- TCP/IP and RS232 communication experience as applied to interfacing equipment
- PLC/HMI programming experience is advantageous or high level language experience (C or Basic) is applicable and transferrable
- Pneumatic, vacuum and RF experience is advantageous
- Testing and commissioning of machines wrt C & I elements

- Communication, influencing and negotiating and assertiveness skills
- Project management
- Presentation skills
- Report writing skills
- Problem solving and decision making, sound judgement
- PC literate with PowerPoint, Excel, Access and Word skills

Key Attributes

- Professional and positive approach
- Self motivated
- Strong in building relationships and able to communicate at all levels
- Team player, and able to work on own initiative.
- Dynamic and Creative

Essential Qualifications

Science Degree / PhD or equivalent

Travel: Occasional

Other Duties: Specialist projects as agreed to support the business requirements of the organisation. In addition, you will be prepared to carry out any other reasonable duties requested.